



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/682,853	10/24/2001	Scott C. Harris	DIY-Internet/SCH	9828
23844	7590	05/06/2005	EXAMINER	
SCOTT C HARRIS			BARQADLE, YASIN M	
P O BOX 927649			ART UNIT	
SAN DIEGO, CA 92192			PAPER NUMBER	

2153

DATE MAILED: 05/06/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

## Office Action Summary

Application No.

09/682,853

Applicant(s)

HARRIS, SCOTT C.

Examiner

Yasin M. Barqadle

Art Unit

2153

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 01 December 2004.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-23 is/are pending in the application.
- 4a) Of the above claim(s) 4, 11, 12, 15 and 22 is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-3, 5-10, 13, 14, 16-21 and 23 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- |  |   |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892)   | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                   | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

### Response to Amendment

1. The amendment filed on December 01, 2004 has been fully considered but they are not persuasive.

- Claims 4,11-16 and 22 have been canceled.
- Claims 1-3,5-10, 17-21 and 23 are pending.

### Response to Arguments

2. In response to applicant's argument in page 8, last paragraph and page 11, paragraphs 2-3 that "Chen teaches away from requesting additional information, and therefore, it would not be obvious to combine this with a reference which requests additional information". Examiner contends that nothing precludes from Chen's reference from requesting additional information. Chen's system can readily support new functionality with applets, new devices with devlets, and new information spaces with infolets ¶ 0060. Chen uses an interactive system with variety of authentication techniques to authenticate mobile users depending upon the device or protocol used. In order to authenticate a user the system must ask additional information such as user ID and password (¶ 0057 and 0085). These are some examples to show that Chen's system is flexible and would be perfectly ok to combine with another reference such as Steele

Art Unit: 2153

for requesting additional information. Furthermore, the test for obviousness is not whether the claimed invention must be expressly suggested in any one or all of the references.

Rather, the test is what the combined teachings of the references would have suggested to those of ordinary skill in the art. See *In re Keller*, 642 F.2d 413, 208 USPQ 871 (CCPA 1981). Furthermore, the examiner recognizes that obviousness can only be established by combining or modifying the teachings of the prior art to produce the claimed invention where there is some teaching, suggestion, or motivation to do so found either in the references themselves or in the knowledge generally available to one of ordinary skill in the art. See *In re Fine*, 837 F.2d 1071, 5 USPQ2d 1596 (Fed. Cir. 1988) and *In re Jones*, 958 F.2d 347, 21 USPQ2d 1941 (Fed. Cir. 1992). In this case, examiner has shown a suggestion and motivation that is found in Steele et al.

In response to applicant's argument in page 13, first paragraph that "Steele does not suggest requesting more information about a query sent from an interactive device with the purpose of querying a publicly available source of information." This argument is not persuasive because Steele discloses a user of an interactive device sending a request

Art Unit: 2153

message (query) to multimedia entertainment and information system 10 (publicly available source of information fig. 1, 60) (§ 0111-0112, page 7) and requesting more information from the user of the interactive device, if the information was not was not supplied in the original update message (query) (§ 0129-0132, page 9).

In response to applicant's argument in page 14, first paragraph that " Steele teaches nothing about any messages confirming any action". Applicant's attention is directed to (paragraph 0117, page 7) where Steele discloses messages requiring user interaction and ensuring that a required confirmation is received if it is determined that confirmation is required. Giving the broadest interpretation of the claim language Steele teaches message confirming an action.

In response to applicant's argument in page 14, paragraph 3 that " claim 8 also includes the limitation of claim 5 ...This combination is in no way taught or suggested by the hypothetical combination of the prior art. Rajan teaches nothing about this." In response to applicant's arguments against the references individually, one cannot show nonobviousness by attacking references individually where the rejections are based on

Art Unit: 2153

combinations of references. See *In re Keller*, 642 F.2d 413, 208 USPQ 871 (CCPA 1981); *In re Merck & Co.*, 800 F.2d 1091, 231 USPQ 375 (Fed. Cir. 1986). See the rejection made on claims 8 and 5 in the office action.

In response to applicant's argument in page 14, last paragraph that " the Rajan does teach that information can be reformatted between templates, but teaches nothing about the subject matter of claim 9..." Examiner contends that Rajan discloses a unique capability of restructuring data and converting it from one format to a format specific to applications executable on a receiving device where an algorithm is employed that can take information from provided input data-templates and restructure the information to fit pre-designed and associated output data-templates that is stored in a storage facility for requesting user [col. 7, lines 56-64 and col. 8, lines 55-65].

***Claim Rejections - 35 USC § 103***

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

Art Unit: 2153

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. Claims 1-3, 5-7, 16-21 and 23 are rejected under 35 U.S.C.

103(a) as being unpatentable over Chen et al US. PUB.

(20020177453) in view of Steele et al US PUB (20020046084).

As per claim 1, Chen et al teach a method, comprising:

sending a request for information from an interactive device (Fig. 1, 214) to a first recipient (Fig. 1, 100) [Page 1, paragraphs 0009-0013];

at said first recipient, using information from said request to query a publicly accessible source of information (Fig. 5, 352) [Page 1, paragraphs 0011-0014];

receiving results from querying said source of information, reformatting said results into a new form [page 1, paragraphs 0010-0014 and page 4, paragraphs 0047-0058]; and

sending said results in said new form to said interactive device [Page 1, paragraphs 0011-0014].

Although Chen et al shows substantial features of the claimed invention, he does not explicitly show requesting an

Art Unit: 2153

interactive device to identify more information about a specific query to be made to a publicly accessible source of information.

Nonetheless, this feature is well known in the art and would have been an obvious modification of the system disclosed by Chen et al, as evidenced by Steele et al USPN. (20020046084). In analogous art, Steele et al whose invention is about a configurable multimedia information system that supports electronic commerce, disclose sending a request from a first recipient (system 10) to an interactive device (user with interactive device fig. 1 and 10), requesting said interactive device to identify more information about a specific query to be made to set publicly accessible source of information (Vendor) [page 9, paragraphs 0129-0134]. Giving the teaching of Steele et al, a person of ordinary skill in the art would have readily recognized the desirability and the advantage of modifying Chen et al by employing the system of Steele et al in order to provide users beneficial up-to-date information that is consistent with their preference of services and products.

As per claim 2, Chen et al teach a method as in claim 1, wherein said reformatting said information comprises assembling a message which includes some, but not all, of the information



Art Unit: 2153

received from said publicly accessible source of information [page1, paragraphs 0010-0014 and page 4, paragraphs 0047-0058].

As per claim 3, Chen et al teach a method as in claim 1, wherein said reformatting comprises reformatting said information into a text message [Page 1, paragraphs 0014].

As per claim 5, Chen et al teach a method as in claim 2, wherein said interactive device also stores personal information associated with a user of the interactive device, and wherein said sending comprises sending a request for information which includes some of said personal information [paragraphs 0010-0014 and page 4, paragraphs 0047-0058. see paragraphs 0085 and 0100].

As per claim 6, Chen et al teach a method as in claim 5, wherein said personal information which is sent, includes logon information and a password [Page 1, paragraphs 0011 and Page 6, paragraphs 0075-0085].

As per claim 7, Steele et al teach a method as in claim 6, further comprising signifying to said source of information an

Art Unit: 2153

indication to purchase a product [paragraph 0063 and paragraphs 0131-0134].

As per claim 17, is a method with similar limitations as claim 1 above. Therefore, it is rejected with the same rationale.

As per claim 19, Chen et al teach the invention, wherein said reformatting comprises reformatting the information into an XML format [Page 4, paragraphs 0054].

As per claim 20, Chen et al teach the invention, wherein said reformatting the information comprises reformatting the information into a text format [Page 4, paragraphs 0055-0058].

As per claim 21, Chen et al teach a method, comprising:

Sending a text message for an e-mail pager (Fig. 1, 214 and 216), to a specified address (fig. 1, 100), said text message including text content indicating an action that the user wants to carry out on the internet [page1, paragraphs 0010-0011 Page 3, paragraphs 0039 and page 4, paragraphs 0053-61];

Second sending back a text message back to said email pager [page1, paragraph 0014 and page 4, paragraphs 0055-0059]; and

after said second sending, at associated with said specified

Art Unit: 2153

address, translating said text message into an actual operation to be carried out on the internet, and carrying out said operation on the terminal, and returning a result from said operation on the Internet to said e-mail pager [page1, paragraphs 0010-0014 and page 4, paragraphs 0047-00589. See also paragraphs 0071-0074].

As per claim 23, Steele et al teach the invention as modified, wherein said second sending is a request for information of contents of said action [page 7, paragraph 0117].

4. Claims 8-10 are rejected under 35 U.S.C. 103(a) as being unpatentable over Chen et al US. PUB. (20020177453) in view of Rajan et al USPN (6633910).

As per claim 9, Chen et al teach a method comprising:  
sending a request for information from an interactive device (Fig. 1, 214) to a first recipient (Fig. 1, 100) and Page 1, paragraphs 0009-0014];

at said first recipient, using information from said request to query publicly accessible source information sending a request for information from an interactive device [Page 1, paragraphs 0009-0014];

receiving results from querying said source of information  
[Page 1, paragraphs 0011-0014];

Reformatting said result into a new form to said interactive  
device [page1, paragraphs 0010-0014 and page 4, paragraphs  
0047-0058];

wherein said reformatting said information comprises  
assembling a message which includes some, but not all, of the  
information received from said publicly accessible source of  
information [page1, paragraphs 0010-0014 and page 4, paragraphs  
0047-0059. see also paragraphs 0071-0076].

Although Chen et al shows substantial features of the  
claimed invention, he does not explicitly show reformatting  
information according to a prestored template.

Nonetheless, this feature is well known in the art and would  
have been an obvious modification of the system disclosed by  
Chen et al, as evidenced by Rajan et al (6633910).

In analogous art, Rajan et al whose invention is about a system  
that allows virtually any Internet-based data to be accessed,  
restructured and then transmitted to wide variety of network-  
capable appliances, discloses a unique capability of  
restructuring data and converting it from one format to a format  
specific to applications executable on a receiving device where  
an algorithm is employed that can take information from provided

Art Unit: 2153

input data-templates and restructure the information to fit pre-designed and associated output data-templates that is stored in a storage facility for requesting user[col. 7, lines 56-64 and col. 8, lines 55-65]. Giving the teaching of Rajan et al, a person of ordinary skill in the art would have readily recognized the desirability and the advantage of modifying Chen et al by employing the system of Rajan et al in order to facilitate the format in which requested data is expected to be found and to enhance the support of different formats and applications.

As per claim 10, Chen et al teach a method as in claim 2, wherein said reformatting comprises reformatting said information into an XML form [Page 4, paragraphs 0054].

As per claim 8, Rajan et al teach the invention, wherein said source information indicates a user's bank balance [Col. 13, lines 44-63 and col. 15, lines 50 and 62].

### Conclusion

5. **ACTION IS MADE FINAL.** See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

Art Unit: 2153

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

The prior made of record and not relied upon is considered pertinent to applicant's disclosure.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Yasin Barqadle whose telephone number is 571-272-3947. The examiner can normally be reached on 9:00 AM to 5:30 PM.

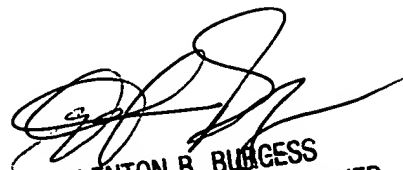
If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Glenn Burgess can be reached on 571-272-3949. The fax phone numbers for the organization where this application or proceeding is assigned are 703-872-9306 for regular communications and 703-746-7238 for After Final communications.

Art Unit: 2153

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-305-3900.

Yasin Barqadle

Art Unit 2153



GLENTON B. BURGESS  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2100